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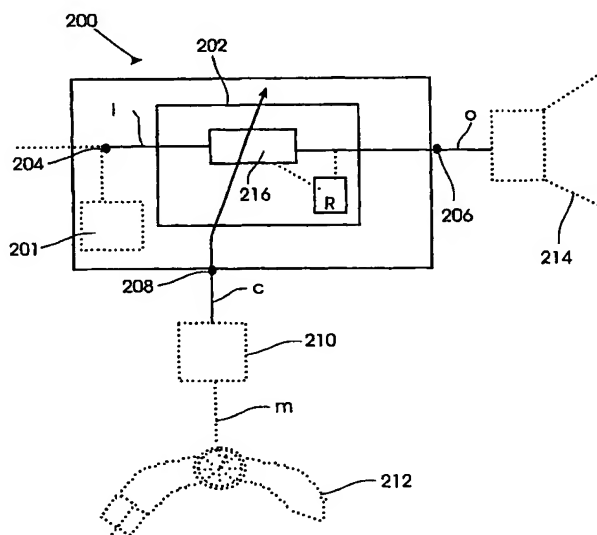
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[Continued on next page]

(54) Title: AUDIO REPRODUCTION APPARATUS, FEEDBACK SYSTEM AND METHOD



(57) Abstract: The audio reproduction apparatus comprises a cost input for inputting a mathematical cost derived from a measurement, which measurement is user-influenceable and a conditioning unit, capable of delivering an output audio signal in dependence of the mathematical cost, characterized in that the conditioning unit comprises an audio processing means arranged to process an input audio signal to derive the output audio signal with a reproduction quality in dependence of the mathematical cost. As a reproduction quality the position of a virtual sound source and the quality of a stereo signal are also possible. A system comprising the audio reproduction apparatus, a measurement device and a sound production device and a method of deriving the output audio signal with a reproduction quality in dependence of the mathematical cost are also presented.



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